

4.1
SF

Blue Ridge Associates, Inc.

Geotechnical/Environmental Services

Jackie E. Stephens, President/Geologist
North 9 Post, Suite 330 - Spokane, WA 99201

Phone: (509) 838-8120

Fax: (509) 456-5956

RECEIVED

AUG 02 1996

Environmental Cleanup Office*



Mr. William Brauner
Brauner Lumber
4219 HWY 395 North
Kettle Falls WA 99141

July 26, 1996

RE: Soil Sample Location and results from May 5, 1996 for Brauner Lumber, located in Spokane, Washington.

Dear Mr. Brauner:

On May 9, 1996, Sherry Paulus and Jackie E. Stephens (geologist) collected soil samples from the area marked in pink on the Brauner Lumber plat map.

Location of Sample Collection - Northwest corner of Lacy and Great Northern Railroad abandoned tracks.

Starting 30' from this corner, four composite samples were collected at one foot south of the fence line.

- Hole #1 - 30' from NW corner
- Hole #2 - 54' from NW corner
- Hole #3 - 84' from NW corner
- Hole #4 - 111' from NW corner

SP-Brauner-1

A composite of soil samples were collected from each of the four holes at surface to 2" below grade.

SP-Brauner-2

A composite of soil collected from each of the four holes at 6" to 8" below grade

4.1



71486

Sample Analysis

Please see Appendix One - Analytical Results.

SP-Brauner-1 - Waste-oil was at 340 ppm, above the MTCA action level of 200 ppm; Cadmium came back at 7.2 ppm, above the 2.0 ppm MTCA action level; Barium was at 246 ppm, above the 200 ppm MTCA action level; Lead results showed 503 ppm, above the 250 ppm MTCA action level.

SP-Brauner-2 - Barium results came back at 443 ppm, above the 200 ppm WDOE action level.

There are no USTs, ASTs or heavy metal producers on the property, nor were there ever any service stations. The area is used for new wood storage.

Sincerely,

A handwritten signature in dark ink, appearing to read "Sherry Paulus", written in a cursive style.

Sherry Paulus
Project Coordinator

APPENDIX ONE
ANALYTICAL RESULTS

May 17, 1996

Blue Ridge Associates, Inc.

N. 9 Post, Suite # 250

Spokane, WA 99201

Attn: Zane Stephens

Items: Results of analysis for samples received 5/10/96.

Sample Log-in number: **22148**

Project Name: Brauner Lumber

Date Sampled: 5/9/96

Report #: 96-0517-BRA

HCID by WTPH-HCID; Waste Oil by WTPH-418.1; PCB's by EPA 8081

Diesel by WTPH-D; Total 8 Metals by EPA 3051 & 6020; mg/Kg = ppm

Sample Name	Matrix	Analysis Date	Analyte	Concentration
SP-Brauner-1	Soil	5/14/96	Gasoline	< 10 mg/Kg by HCID
			Diesel	< 25 mg/Kg by HCID
			Waste Oil	Detected by HCID
		5/17/96	Waste Oil	340 mg/Kg
		5/16/96	PCB's	< 1.0 mg/Kg
		5/16/96	Arsenic	16.6 mg/Kg
			Barium	246 mg/Kg
			Cadmium	7.2 mg/Kg
			Chromium	30.9 mg/Kg
			Lead	503 mg/Kg
			Mercury	< 0.1 mg/Kg
			Selenium	< 1.0 mg/Kg
			Silver	< 1.0 mg/Kg
SP-Brauner-2	Soil	5/14/96	Gasoline	< 10 mg/Kg by HCID
			Diesel	< 25 mg/Kg by HCID
			Waste Oil	< 100 mg/Kg by HCID
		5/16/96	Arsenic	9.4 mg/Kg
			Barium	443 mg/Kg
			Cadmium	< 1.0 mg/Kg
			Chromium	15.8 mg/Kg
			Lead	96.0 mg/Kg
			Mercury	< 0.1 mg/Kg
			Selenium	< 1.0 mg/Kg
			Silver	< 1.0 mg/Kg

Mike Pearson
Laboratory Director

APPENDIX TWO

PLAT MAP

